



**PATENT**

Application # 10/042,142

Attorney Docket # 2000-0672 (1014-199)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Lin, Wei  
Application # : 10/042,142  
Confirmation # : 5828  
Filed : 11 January 2002  
Application Title : Enhanced Channel Access Mechanisms for an HPNA Network  
Art Unit # : 2681  
Latest Examiner : Not yet assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Mail Stop Amendment  
Commissioner for Patents  
United States Patent and Trademark Office (USPTO)  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the USPTO is hereby directed to the attached listing of documents and/or the attached Declaration. Unless otherwise indicated herein, one copy of each listed document is attached.

It is respectfully requested that the listed documents:

- (1) be expressly considered during the prosecution of this application;
- (2) be made of record therein; and
- (3) appear among the "References Cited" on any patent to issue therefrom.

The following marked paragraphs are applicable in this IDS.

**Timing of this IDS:**

- ☒ A. This IDS is being filed per 37 CFR 1.97(b)
- ☐ (1): within 3 months of the U.S. filing date other than a CPA under 1.53(d);
- ☐ (2): within 3 months of the date of entry of the national stage as set forth in 1.491 in an international application;
- ☒ (3): before the mailing date of a first Office Action on the merits; **OR**
- ☐ (4): before the mailing date of a first Office Action associated with a request for continued examination (RCE) under 1.114;

**AND**, thus, no certification or fee is required.

- ☐ B. This IDS is being filed per 37 CFR 1.97(c), AFTER the period specified in 37 CFR 1.97(b) [section A of this IDS], and BEFORE:
- (a) the mailing date of any Final Action under 1.113,
- (b) a Notice of Allowance under 1.311, **OR**
- (c) an action that otherwise closes prosecution,

**AND**, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS ; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

**AND**, per 37 CFR 1.97(c), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

- ☐ C. This IDS is being filed per 37 CFR 1.97(d), AFTER the period specified in 37 CFR 1.97(c) [section **B** of this IDS], and ON or BEFORE the payment of the Issue Fee;

**AND**, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

**AND**, per 37 CFR 1.97(d), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

**Legible Copies of Listed References:**

- ☒ D. In addition to the attached listing, accompanying this IDS is a legible copy of each listed:
- (1) foreign patent document;
  - (2) pending unpublished U.S. application **OR** that portion of the application that caused it to be listed including any claims directed to that portion; **AND**
  - (3) non-patent document or that portion thereof that caused it to be listed;
  - (4) other information or that portion that caused it to be listed.
- ☐ E. Consistent with 37 CFR 1.98(d), because the IDS submitted in parent U.S. Patent Application No. \_\_\_\_\_, to which this application claims priority per 35 U.S.C. 120, complies with 37 CFR 1.98(a) to (c), copies of the patent documents, non-patent

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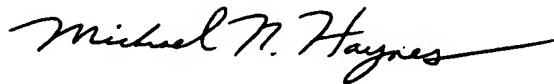
documents, pending U.S. application, and other information submitted in that parent application do not accompany this IDS.

**CONCLUSION**

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

Michael Haynes PLC

A handwritten signature in black ink that reads "Michael N. Haynes". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Date: 5 October 2005

Michael N. Haynes  
Registration No. 40,014

1341 Huntersfield Close  
Keswick, VA 22947  
Telephone: 434-972-9988  
Facsimile: 815-550-8850



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/042,142
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Group Art Unit	2681
Examiner Name	Not yet assigned
Attorney Docket Number	2000-0672 (1014-199)

**U.S. PATENT DOCUMENTS**

Examiner Initials	Patent No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	6,788,950	Raissinia.	7 September 2004
	6,785,252	Zimmerman	31 August 2004
	6,765,872	Tazaki	20 July 2004
	6,754,176	Gubbi.	22 June 2004
	6,747,968	Seppala	8 June 2004
	6,741,576	Alimi.	25 May 2004
	6,738,361	Immonen.	18 May 2004
	6,728,365	Li.	27 April 2004
	6,704,932	Matsunaga	9 March 2004
	6,704,321	Kamiya	9 March 2004
	6,640,248	Jorgensen	28 October 2003
	6,628,629	Jorgenson	30 September 2003
	6,625,156	Shaio	23 September 2003
	6,600,744	Carr	29 July 2003
	6,597,682	Kari	22 July 2003
	6,587,453	Romans.	1 July 2003
	6,567,416	Chuah	20 May 2003
	6,567,408	Li	20 May 2003
	6,563,793	Golden	13 May 2003
	6,538,989	Carter	25 March 2003

Examiner Signature		Date Considered	
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
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Sheet 2 of 3

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Attorney Docket Number	2000-0672 (1014-199)

**U.S. PATENT DOCUMENTS**

Examiner Initials	Patent No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	6,452,915	Jorgensen	17 September 2002
	6,411,611	van der Tuijn	25 June 2002
	6,377,548	Chuah	23 April 2002
	6,366,577	Donovan	2 April 2002
	6,317,438	Trebes, Jr.	13 November 2001
	6,262,976	McNamara	17 July 2001
	6,119,214	Dirks	12 September 2000
	6,115,390	Chuah	5 September 2000
	6,034,967	Citta	7 March 2000
	5,982,748	Yin	9 November 1999
	5,949,768	Citta.	7 September 1999
	5,717,688	Belanger	10 February 1998
	5,638,371	Raychaudhuri	10 June 1997
	5,623,495	Eng	22 April 1997

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Patent No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	JP02072736A	Kurokawa	13 March 1990

Examiner  
SignatureDate  
Considered

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
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		Attorney Docket Number	2000-0672 (1014-199)
Sheet	3	of	3

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Cali et al. "IEEE 802.11 Wireless LAN: Capacity Analysis and Protocol Enhancement," IEEE, 0-7803-4386-7/98, pages 1-8, 1998.
	Deng et al. "A Priority Scheme for IEEE 802.11 DCF Access Method," IEICI Trans. Comm., Vol. E82-B, No. 1, pp. 96-102, January 1999.
	Zhijun, Gong, et al. "QoS guaranteed Wireless LAN—Wireless access to ATM", International Conference on Communication Technology, ICCT'98, October 22-24, 1998, Beijing, China, pages S31-11-1 through S31-11-5.
	R. Yavatkar et al., "SBM (Subnet Bandwidth Manager): A Protocol for RSVP-Based Admission Control Over IEEE 802-Style Networks", www.ietf.org, May 2000, pages 1-60, RFC 2814, Internet Engineering Task Force.
	R. Braden et al., "Resource Reservation Protocol (RSVP)", www.ietf.org, September 1997, pages 1-112, RFC 2205, ver. 1, Internet Engineering Task Force.

Examiner Signature		Date Considered	
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